

Abstract

The present invention relates to a sterile closure device that is particularly suited for flexible containers, or pouches, that contain medical fluids. The sterile closure device provides a port for a conventional spike set to puncture in order to attach a patient feeding line. The sterile closure device features at least two protection mechanisms that enhance sterility. Between the two protection mechanisms is a sterile chamber that minimizes leakage of medical fluid from the flexible container when the protection mechanisms are breached by a the spike set. The sterile closure device also features finger support to facilitate the user in grasping and puncturing the sterile closure device.